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PATENT/Docket No.: _____

DECLARATION (37 C.F.R. § 1.63) AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NOVEL COMPOUNDS USEFUL IN PAIN MANAGEMENT

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on 8 March 2000 as United States Application No. or PCT International Application Number PCT/SE00/00462 and was amended on

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any United States provisional application(s) or foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

<u>Application Serial No.</u>	<u>Country</u>	<u>Filing Date (Day/Month/Year)</u>	<u>Priority Claimed (Yes/No)</u>
9900961-5	Sweden	16 March 1999	

I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status (Patented, Pending, Abandoned)</u>
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Steven R. Borgman, Reg. No. 33,160; W. Scott Brown, Reg. No. 32,968; Barry Baumgardner, Reg. No. 38,397; Brian K. Buss, Reg. No. 42,375; Tim C. Corder, Reg. No. 38,414; Tracey Davies, Reg. No. 44,644; Andrew F. DiNovo, Reg. No. 40,115; G. Harvey Dunn, III, Reg. No. 31,102; Barry E. Engel, Reg. No. 37,127; Stuart J. Ford, Reg. No. 37,486; Adam Floyd, Reg. No. 39,192; Sunny Kalara, Reg. No. 43,702; William L. LaFuze, Reg. No. 27,205; Gerald D. Malpass, Reg. No. 40,079; J. Clark Martin, Reg. No. 26,198; Peter E. Mims, Reg. No. 32,429; Minh-Hien Nguyen, Reg. No. 37,294; Stephen J. Moloney, Reg. No. P-44,947; Gregory L. Porter, Reg. No. 40,131; Ronald W. Robins, Reg. No. 26,222; Michael A. Sanzo, Reg. No. 36,912; Willem G. Schuurman, Reg. No. 29,998; Karen Tucker White, Reg. No. 34,267, John F. Woodson, II, Reg. No. 45,236.

Send Correspondence to:

Michael A. Sanzo
Vinson & Elkins L.L.P.
2300 First City Tower
1001 Fannin
Houston, TX 77002-6760

Direct Telephone Calls to:

Michael A. Sanzo, (202) 639-6585

Inventor's Signature _____

Date 14 March 2000

Full name of sole inventor: Peter Schiller

Residence: Montreal, Quebec

Citizenship: Canadian

Post Office Address: Clinical Research Inst. of Montreal, 110 Pine Avenue West,
Montréal, Québec, H3G 2A4, Canada

Inventor's Signature _____

Date _____

Full name of sole inventor:

Residence:

Citizenship:

Post Office Address:

Inventor's Signature _____

Date _____

Full name of sole inventor:

Residence:

Citizenship:

Post Office Address:

Inventor's Signature _____

Date _____

Full name of sole inventor:

Residence:

Citizenship:

Post Office Address:

Inventor's Signature _____

Date _____

Full name of sole inventor:

Residence:

Citizenship:

Post Office Address:

DECLARATION UNDER 37 C.F.R. § 1.63 AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

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NOVEL COMPOUNDS USEFUL IN PAIN MANAGEMENT

the specification of which was filed on March 8, 2000 as PCT International Application No. PCT/SE00/00462 and was filed on June 9, 2000 as U.S. Application No. 09/590,165, the U.S. application having been amended on March 15, 2002.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. § 1.56(a).

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<u>Application Serial No.</u>	<u>Country</u>	<u>Filing Date (Day/Month/Year)</u>	<u>Priority Claimed (Yes/No)</u>
9900961-5	Sweden	16 March 1999	Yes


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<u>Application</u> <u>Serial No.</u>	<u>Filing Date</u>	<u>Status (Patented,</u> <u>Pending, Abandoned)</u>
PCT/SE00/00462	8 March 2000	Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint William P. Atkins, Reg. No. 38,821; Guillermo Baeza, Reg. No. 35,056; Jack S. Barufka, Reg. No. 37,087; Paul T. Bowen, Reg.No. 38,009; Brian P. Collins, Reg.No. 43,560; Mark Danielson, Reg.No. 40,580; Henry J. Daley, Reg. No. 42,459; John P. Darling, Reg. No. 44,482; Caroline D. Dennison, Reg. No. 34,494; Samir Elamrfani, Reg. No. 43,601; Stephen C. Glazier, Reg. No. 31,361; Kerry T. Hartman, Reg.No. 41,818; eric Hernandez, Reg.No. 47,641; Adam R. Hess, Reg. No. 41,835; Thomas P. Hilliard, Reg.No. 40,330; David A. Jakopin, Reg. No. 32,995; Jeffey D. Karceski, Reg. No. 35,914; G. Lloyd Knight, Reg. No. 17,698; Dale S. Lazar, Reg. No. 28,872; Christine H. McCarthy, Reg. No. 41,844; Anthony L. Miele, Reg. No. 34,393; Mark G. Paulson, Reg. No. 30,793; Glenn J. Perry, Reg. No. 28,458; Michael A. Sanzo, Reg. No. 36,912; Brian Siritzky, reg. No. 37,497; Paul L. Sharer, Reg. No. 36,004; George M. Sirilla, Reg. No. 18,221; Robin L. Teskin, Reg.No. 35,030; Roger R. Wise, Reg. No. 31,204; Richard H. Zaitlen, Reg. No. 27,248, all registered to practice before the Patent and Trademark Office, as my attorneys with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith and request that all correspondence and telephone communications be directed to the following person(s) at the mailing address and telephone number hereafter given:

Name: Michael A. Sanzo
Registration No.: 36,912
Address: Pillsbury Winthrop LLP
1600 Tysons Boulevard
McLean, VA 22102
Telephone No.: (703) 905-2173


Signature of Inventor Peter Schiller August 12, 2002
Date

Residence: Montreal, Quebec, Canada

Citizenship: Canada

Post Office Address: Clinical Research Inst. Of Montreal
110 Pine Avenue West,
Montreal, Quebec, H3G 2A4, Canada

Signature of Inventor Hazel Szeto _____
Date

Residence: New York, New York

Citizenship: United States

Post Office Address: 50 E. 89th Street, Apt. 25A
New York, New York 10125

DECLARATION UNDER 37 C.F.R. § 1.63 AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NOVEL COMPOUNDS USEFUL IN PAIN MANAGEMENT

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<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status (Patented, Pending, Abandoned)</u>
PCT/SE00/00462	8 March 2000	Abandoned

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Registration No.: 36,912
Address: Pillsbury Winthrop LLP
1600 Tysons Boulevard
McLean, VA 22102
Telephone No.: (703) 905-2173

Signature of Inventor Peter Schiller

Date

Residence: Montreal, Québec, Canada

Citizenship: Canada

Post Office Address: Clinical Research Inst. Of Montreal
110 Pine Avenue West,
Montreal, Quebec, H3G 2A4, Canada



Signature of Inventor Hazel Szeto



Date

Residence: New York, New York

Citizenship: United States

Post Office Address: 50 E. 89th Street, Apt. 25A
New York, New York 10125

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Schiller, Peter *et al.* (as corrected)

U.S. Natl. Phase of PCT/SE00/00462

Intl. Filing Date: March 8, 2000

102(e) date: June 9, 2000

Appl. No.: 09/590,165

For: **Novel Compounds Useful
in Pain Management**

Art Unit: 1653

Examiner: Lukton, D.


Atty. Dkt.: 81823/270699

CONSENT OF THE ASSIGNEE UNDER 37 C.F.R. § 1.48(a)(5)

ASTRAZENECA AB is the owner of the above-captioned U.S. patent application by virtue of an Assignment submitted to the USPTO on June 9, 2000 and recorded on that date at reel 010858, frame 0753. ASTRAZENECA AB is aware that (a) the application, original declaration, and original assignment incorrectly omitted HAZEL SZETO from the inventorship, (b) this error occurred without any deceptive intent on the part of the omitted inventor, and (c) this statement is to be filed with a Petition to Correct Inventorship in order to add one inventor to the inventive entity such that the inventive entity includes PETER SCHILLER and HAZEL SZETO.

In view thereof, ASTRAZENECA AB hereby consents to such change of inventorship.

Date: 9 MAY 2002


Name: PAUL DENERLEY

Title: PATENT STRATEGY DIRECTOR

on behalf of ASTRAZENECA AB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Schiller, Peter *et al.* (as corrected)

U.S. Natl. Phase of PCT/SE00/00462

Intl. Filing Date: March 8, 2000

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Appl. No.: 09/590,165

For: **Novel Compounds Useful
in Pain Management**

Art Unit: 1653

Examiner: Lukton, D.

Atty. Dkt.: 81823/270699

CONSENT OF THE ASSIGNEE UNDER 37 C.F.R. § 1.48(a)(5)

CORNELL RESEARCH FOUNDATION, INC. ("CORNELL") is the owner of right, title and interest in the inventions and discoveries of the above-captioned U.S. patent application by virtue of an Assignment executed August 12, 2002, a copy of which is attached hereto. CORNELL is aware that (a) the application, original declaration, and original assignment incorrectly omitted HAZEL SZETO from the inventorship, (b) this error occurred without any deceptive intent on the part of the omitted inventor, and (c) this statement is to be filed with a Petition to Correct Inventorship in order to add one inventor to the inventive entity such that the inventive entity includes PETER SCHILLER and HAZEL SZETO.

In view thereof, CORNELL hereby consents to such change of inventorship.

Date: 08-27-02

Brian Kelly
Name: BRIAN KELLY

Title: VICE PRESIDENT

on behalf of CORNELL RESEARCH FOUNDATION, INC.

Assignment to Cornell Research Foundation, Inc.

Appl. No.: 09/590,165
Filed: June 9, 2000
Inventors: Peter Schiller
Title: **Novel Compounds Useful in Pain Management**

AstraZeneca AB, a corporation of Sweden having a place of business at S-151 85 Södertälje, Sweden (hereinafter "AstraZeneca") is owner of right, title and interest in the inventions and discoveries (hereinafter "Inventions") described in the above-identified United States application (hereinafter "Application") by virtue of an Assignment executed by inventor Peter Schiller and recorded in the United States Patent and Trademark Office on Reel 010858, Frame 0753 on June 6, 2000.

In view of valuable consideration, the receipt of which is hereby acknowledged, AstraZeneca hereby assigns and transfers unto Cornell Research Foundation, Inc., a corporation of the State of New York, having a place of business at Cornell Business & Technology Park, 20 Thornwood Drive, Suite 105, Ithaca, New York 14850, its successors and assigns, AstraZeneca's entire right, title and interest in the Inventions, the Application and all related applications (including all divisions, reissues, continuations and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (hereinafter "Patents") which may be granted based upon the Inventions or the Application or related applications or counterparts in other countries and including the applications listed below. AstraZeneca hereby authorizes and requests officials of patent offices in any and all countries of the world to issue any and all of the Patents, when granted, to Cornell Research Foundation, Inc., its successors and assigns, as the Assignee of AstraZeneca's entire right, title and interest to the same. Included among the applications to which the present transfer and assignment of right, title and interest applies, are the following:

Country	Application Number	Application Date
Canada	2361364	March 8, 2000
Europe	00917550.6	March 8, 2000
Sweden	9900961-5	March 16, 1999
United States	09/590,165	June 9, 2000
International	PCT/SE00/00462	March 8, 2000

ASTRAZENECA AB

Date 12 August 2002By Paul M. Denerley
Paul M. Denerley
Patent Strategy Director

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Schiller, Peter *et al.* (as corrected)

U.S. Natl. Phase of PCT/SE00/00462

Intl. Filing Date: March 8, 2000

102(e) date: June 9, 2000

Appl. No.: 09/590,165

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Art Unit: 1653

Examiner: Lukton, D.

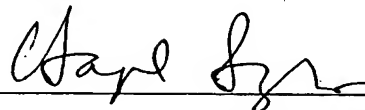
Atty. Dkt.: 81823/270699

DECLARATION OF HAZEL SZETO UNDER 37 C.F.R. § 1.48(a)(2)

I, Hazel SZETO, declare:

1. that I am an inventor of the above-identified patent application, relating to novel compounds useful in pain management;
2. that I was inadvertently and without deceptive intent on my part excluded from inventorship of this application when this application, the original declaration, and the original assignment were filed; and
3. I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of the Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patents issued from it.

Signed this 18th day of May, 2002, at New York



HAZEL SZETO

DECLARATION UNDER 37 C.F.R. § 1.63 AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NOVEL COMPOUNDS USEFUL IN PAIN MANAGEMENT

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9900961-5	Sweden	16 March 1999	Yes


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Name: Michael A. Sanzo
Registration No.: 36,912
Address: Pillsbury Winthrop LLP
1600 Tysons Boulevard
McLean, VA 22102
Telephone No.: (703) 905-2173


Signature of Inventor Peter Schiller August 12, 2002
Date

Residence: Montreal, Quebec, Canada

Citizenship: Canada

Post Office Address: Clinical Research Inst. Of Montreal
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Montreal, Quebec, H3G 2A4, Canada

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<u>Application Serial No.</u>	<u>Country</u>	<u>Filing Date (Day/Month/Year)</u>	<u>Priority Claimed (Yes/No)</u>
9900961-5	Sweden	16 March 1999	Yes

I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) or PCT International Application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application</u> <u>Serial No.</u>	<u>Filing Date</u>	<u>Status (Patented,</u> <u>Pending, Abandoned)</u>
PCT/SE00/00462	8 March 2000	Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint William P. Atkins, Reg. No. 38,821; Guillermo Baeza, Reg. No. 35,056; Jack S. Barufka, Reg. No. 37,087; Paul T. Bowen, Reg.No. 38,009; Brian P. Collins, Reg.No. 43,560; Mark Danielson, Reg.No. 40,580; Henry J. Daley, Reg. No. 42,459; John P. Darling, Reg. No. 44,482; Caroline D. Dennison, Reg. No. 34,494; Samir Elamrfani, Reg. No. 43,601; Stephen C. Glazier, Reg. No. 31,361; Kerry T. Hartman, Reg.No. 41,818; eric Hernandez, Reg.No. 47,641; Adam R. Hess, Reg. No. 41,835; Thomas P. Hilliard, Reg.No. 40,330; David A. Jakopin, Reg. No. 32,995; Jeffey D. Karceski, Reg. No. 35,914; G. Lloyd Knight, Reg. No. 17,698; Dale S. Lazar, Reg. No. 28,872; Christine H. McCarthy, Reg. No. 41,844; Anthony L. Miele, Reg. No. 34,393; Mark G. Paulson, Reg. No. 30,793; Glenn J. Perry, Reg. No. 28,458; Michael A. Sanzo, Reg. No. 36,912; Brian Siritzky, reg. No. 37,497; Paul L. Sharer, Reg. No. 36,004; George M. Sirilla, Reg. No. 18,221; Robin L. Teskin, Reg.No. 35,030; Roger R. Wise, Reg. No. 31,204; Richard H. Zaitlen, Reg. No. 27,248, all registered to practice before the Patent and Trademark Office, as my attorneys with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith and request that all correspondence and telephone communications be directed to the following person(s) at the mailing address and telephone number hereafter given:

Name: Michael A. Sanzo
Registration No.: 36,912
Address: Pillsbury Winthrop LLP
1600 Tysons Boulevard
McLean, VA 22102
Telephone No.: (703) 905-2173

Signature of Inventor Peter Schiller

Date

Residence: Montreal, Québec, Canada

Citizenship: Canada

Post Office Address: Clinical Research Inst. Of Montreal
110 Pine Avenue West,
Montreal, Quebec, H3G 2A4, Canada



Signature of Inventor Hazel Szeto



Date

Residence: New York, New York

Citizenship: United States

Post Office Address: 50 E. 89th Street, Apt. 25A
New York, New York 10125



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 10, 2000

PTAS



101385640A

PILLSBURY MADISON & SUTRO
MICHAEL A. SANZO
EAST TOWER - NINTH FLOOR
1100 NEW YORK AVENUE, NW
WASHINGTON, DC 20005-3918

**UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 06/09/2000

REEL/FRAME: 010858/0753
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SCHILLER, PETER

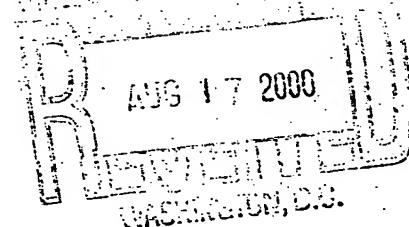
DOC DATE: 03/14/2000

ASSIGNEE:
ASTRAZENECA AB
S-151 85 SODERTALJE, SWEDEN

SERIAL NUMBER: 09590165
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



06-21-2000



BT

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner

101385640

attached original documents or copy thereof.

1. Name of conveying party(ies):

Peter Schiller

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: AstraZeneca AB

Internal Address:

Street Address:

City/State/ZIP: S-151 85 Södertälje

SWEDEN

3. Nature of conveyance:

☒ Assignment

☐ Security Agreement

☐ Other

☐ Merger

☐ Change of Name

Execution Date: March 14, 2000

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

PCT/SE00/00462

B. Patent No.(s)

09-590165

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael A. Sanzo

Internal Address:

Street Address: Madison & Sutro
East Tower - Ninth Floor
1100 New York Avenue, N.W.

City/State/ZIP: Washington, D.C. 20005-3918

6. Total number of applications and patents involved:

1

7. Total Fee (37 C.F.R. § 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael A. Sanzo

Name of Person Signing

Michael A. Sanzo

Signature

June 9, 2000

Date

Total number of pages including cover sheet, attachments, and document:

3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

FORM 6-03.WP5

ASSIGNMENT TO AstraZeneca AB

Title: NOVEL COMPOUNDS USEFUL IN PAIN
MANAGEMENT
Inventors: Peter Schiller
U.S. Appl. No:
U.S. Filing Date:
Execution Date of Application:

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt thereof is hereby acknowledged, I do hereby assign and transfer unto AstraZeneca AB, a corporation of Sweden having a place of business at S-151 85 Södertälje, Sweden, its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to AstraZeneca AB, its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to AstraZeneca AB, or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to AstraZeneca AB; make all rightful oaths; and generally do everything possible to aid AstraZeneca AB, its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world.

FULL NAME OF FIRST/SOLE INVENTOR: Peter Schiller

Signature of Inventor: 

Address: Clinical Research Institute of Montreal, IRCM, 110 Pine Avenue West,
Montréal, Quebec, CANADA

Date: 14 March 2000

FULL NAME OF SECOND/JOINT INVENTOR:

Signature of Inventor: _____

Address:

Date: _____

FULL NAME OF THIRD/JOINT INVENTOR:

Signature of Inventor: _____

Address:

Date: _____

FULL NAME OF FOURTH/JOINT INVENTOR:

Signature of Inventor: _____

Address:

Date: _____

FULL NAME OF FIFTH/JOINT INVENTOR:

Signature of Inventor: _____

Address:

Date: _____



NOVEMBER 20, 2002

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Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

FITCH, EVEN, TABIN ET AL.
MICHAEL A. SANZO
1801 K STREET, N.W.
SUITE 104L
WASHINGTON, D.C. 20006-1201



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RECORDATION DATE: 08/29/2002

REEL/FRAME: 013253/0470
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ASTRAZENECA AB

DOC DATE: 08/12/2002

ASSIGNEE:

CORNELL RESEARCH FOUNDATION, INC.
20 THORNWOOD DRIVE, SUITE 105
CORNELL BUSINESS & TECHNOLOGY PARK
ITHACA, NEW YORK 14850

SERIAL NUMBER: 09590165
PATENT NUMBER:

FILING DATE: 06/09/2000
ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED
FITCH, EVEN TABIN & FLANNERY - DC

NOV 25 2002

CL# _____ MT# _____
ATTY(S) _____
DUE: _____
DKT BY (1) _____ (2) _____

09-09-2002

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of

102215173

and original documents or copy thereof.

1. Name of conveying party(ies):

AstraZeneca AB

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: August 12, 2002

2. Name and address of receiving party(ies):

Name: Cornell Research Foundation, Inc.

Internal Address: _____

Street Address: Cornell Business & Technology Park20 Thornwood Drive, Suite 105City/State/ZIP: Ithaca, New York 14850Additional name(s) & address(es)
attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/590,165Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael A. Sanzo

Internal Address: _____

Street Address: Fitch, Even, Tabin & Flannery
1801 K Street, N.W., Suite 104LCity/State/ZIP: Washington, D.C. 20006-1201

6. Total number of applications and patents involved:

17. Total Fee (37 C.F.R. § 3.41) \$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

06-1135 under Order No. 7596/73168

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Michael A. Sanzo
Name of Person SigningMichael A. Sanzo
SignatureAugust 29, 2002
Date

Total number of pages including cover sheet, attachments, and document:

3

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FORM6-03.WP5

09/06/2002 6TON11 00000145 061135 09590165

01 FC:581 40.00 CH

Assignment to Cornell Research Foundation, Inc.

Appl. No.: 09/590,165
Filed: June 9, 2000
Inventors: Peter Schiller
Title: **Novel Compounds Useful in Pain Management**

AstraZeneca AB, a corporation of Sweden having a place of business at S-151 85 Södertälje, Sweden (hereinafter "AstraZeneca") is owner of right, title and interest in the inventions and discoveries (hereinafter "Inventions") described in the above-identified United States application (hereinafter "Application") by virtue of an Assignment executed by inventor Peter Schiller and recorded in the United States Patent and Trademark Office on Reel 010858, Frame 0753 on June 6, 2000.

In view of valuable consideration, the receipt of which is hereby acknowledged, AstraZeneca hereby assigns and transfers unto Cornell Research Foundation, Inc., a corporation of the State of New York, having a place of business at Cornell Business & Technology Park, 20 Thornwood Drive, Suite 105, Ithaca, New York 14850, its successors and assigns, AstraZeneca's entire right, title and interest in the Inventions, the Application and all related applications (including all divisions, reissues, continuations and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (hereinafter "Patents") which may be granted based upon the Inventions or the Application or related applications or counterparts in other countries and including the applications listed below. AstraZeneca hereby authorizes and requests officials of patent offices in any and all countries of the world to issue any and all of the Patents, when granted, to Cornell Research Foundation, Inc., its successors and assigns, as the Assignee of AstraZeneca's entire right, title and interest to the same. Included among the applications to which the present transfer and assignment of right, title and interest applies, are the following:

Country	Application Number	Application Date
Canada	2361364	March 8, 2000
Europe	00917550.6	March 8, 2000
Sweden	9900961-5	March 16, 1999
United States	09/590,165	June 9, 2000
International	PCT/SE00/00462	March 8, 2000

ASTRAZENECA AB

Date 12 August 2002

By Paul M. Denerley
Paul M. Denerley
Patent Strategy Director



UNITED STATES
PATENT AND
TRADEMARK OFFICE

FEBRUARY 12, 2003

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FITCH, EVEN, TABIN & FLANNERY
MICHAEL A. SANZO
1801 K STREET, N.W., SUITE 1041
WASHINGTON, D.C. 20006-1201

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RECORDATION DATE: 10/23/2002

REEL/FRAME: 013422/0936
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SZETO, HAZEL

DOC DATE: 10/21/2002

ASSIGNEE:

CORNELL RESEARCH FOUNDATION, INC.
20 THORNWOOD DRIVE, SUITE 105
CORNELL BUSINESS & TECHNOLOGY PARK
ITHACA, NEW YORK 14850

SERIAL NUMBER: 09590165
PATENT NUMBER:

FILING DATE: 06/09/2000
ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER
ASSIGNMENT DIVISION
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10-30-2002

FORM PTO-1594 (Rev. 6-93)

OBM No. 0651-0011 (exp. 4/94)

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102265922

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1. Name of conveying party(ies): **2002 OCT 24 PM 2:55**
Hazel Szeto

FINANCE SECTION

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

10-24-02

2. Name and address of receiving party(ies):

Name: Cornell Research Foundation, Inc.

Internal Address: _____

Street Address: Cornell Business & Technology Park

20 Thornwood Drive, Suite 105

City/State/ZIP: Ithaca, New York 14850

Additional name(s) & address(es)
attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: October 21, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/590,165

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael A. Sanzo

Internal Address: _____

Street Address: Fitch, Even, Tabin & Flannery
1801 K Street, N.W., Suite 104L

City/State/ZIP: Washington, D.C. 20006-1201

6. Total number of applications and patents involved:

1

7. Total Fee (37 C.F.R. § 3.41) \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

06-1135 under Order No. 7596/73168

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael A. Sanzo
Name of Person Signing

October 23, 2002
Signature

Michael A. Sanzo
Date

Total number of pages including cover sheet, attachments, and document:

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Washington, D.C. 20231

10/30/2002 LMUELLER 00000007 061135 09590165

01 FC:0021

40.00 CH

FORM6-03.WP5

Assignment to Cornell Research Foundation, Inc.

Applicant(s): Schiller, *et al.*
Appl. No.: 09/590,165
Filed: June 9, 2000
For: **Novel Compounds Useful in Pain Management**

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt of which is hereby acknowledged, I do hereby assign and transfer unto Cornell Research Foundation, Inc. (hereinafter "CORNELL"), a corporation of the State of New York, its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to CORNELL, its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to CORNELL, or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to CORNELL; make all rightful oaths; and generally do everything possible to aid

CORNELL, its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world.



Signature of Inventor Hazel Szeto

10/24/02

Date

Address: 50 E. 89th Street, Apt. 25A
New York, New York 10125